

SCREENING SITE INSPECTION REPORT
FOR

NAIMAN COMPANY/CARAVAN COMPANY
BROOK PARK, OHIO

U.S. EPA ID: OHD981957913

SS ID: NONE

TDD: F05-8708-023

PAN: FOH0732SA

US EPA RECORDS CENTER REGION 5



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NOVEMBER 4, 1988



ecology and environment, inc.

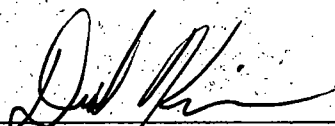
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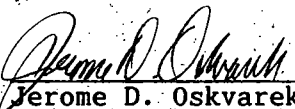


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1. INTRODUCTION

Ecology and Environment, Inc., Field Investigation Team (FIT) was tasked by the United States Environmental Protection Agency (U.S. EPA) to conduct a screening site inspection (SSI) of the Naiman Company/Caravan Company (Naiman/Caravan) site under contract number 68-01-7347.

In 1978, preparation by Ecology and Environment, Inc., (E & E), of a work plan for U.S. EPA OHD980704191, Brook Park sites, revealed that it should be divided into three individual sites to be entered in CERCLIS and investigated separately. Because enough information was known about the Brook Park sites, it was recommended that preliminary assessments (PAs) not be prepared for its three component sites, one of which is the site of concern for this SSI. Mark Besel of Ohio Environmental Protection Agency agreed with this recommendation.

FIT prepared an SSI work plan for the Naiman/Caravan site under technical directive document (TDD) F05-8707-029, issued on July 6, 1987. The SSI work plan was approved by U.S. EPA on November 5, 1987. The SSI of the Naiman/Caravan site was conducted on August 25, 1987, under TDD F05-8708-023, issued on July 31, 1987.

The FIT SSI included an interview with a site representative, a reconnaissance inspection of the site, and the collection of six soil samples.

The purposes of an SSI have been stated by U.S. EPA in a directive outlining Pre-Remedial Program strategies. The directive states:

All sites will receive a screening SI to 1) collect additional data beyond the PA to enable a more refined

preliminary HRS [Hazard Ranking System] score, 2) establish priorities among sites most likely to qualify for the NPL [National Priorities List], and 3) identify the most critical data requirements for the listing SI step. A screening SI will not have rigorous data quality objectives (DQOs). Based on the refined preliminary HRS score and other technical judgement factors, the site will then either be designated as NFRAP [no further remedial action planned], or carried forward as an NPL listing candidate. A listing SI will not automatically be done on these sites, however. First, they will go through a management evaluation to determine whether they can be addressed by another authority such as RCRA [Resource Conservation and Recovery Act].... Sites that are designated NFRAP or deferred to other statutes are not candidates for a listing SI.

The listing SI will address all the data requirements of the revised HRS using field screening and NPL level DQOs. It may also provide needed data in a format to support remedial investigation work plan development. Only sites that appear to score high enough for listing and that have not been deferred to another authority will receive a listing SI. (U.S. EPA 1988)

U.S. EPA Region V has also instructed FIT to identify sites during the SSI that may require removal action to remediate an immediate human health and/or environmental threat.

2. SITE BACKGROUND

2.1 INTRODUCTION

This section includes information obtained from FIT's SSI work plan preparation and the site representative interview.

2.2 SITE DESCRIPTION

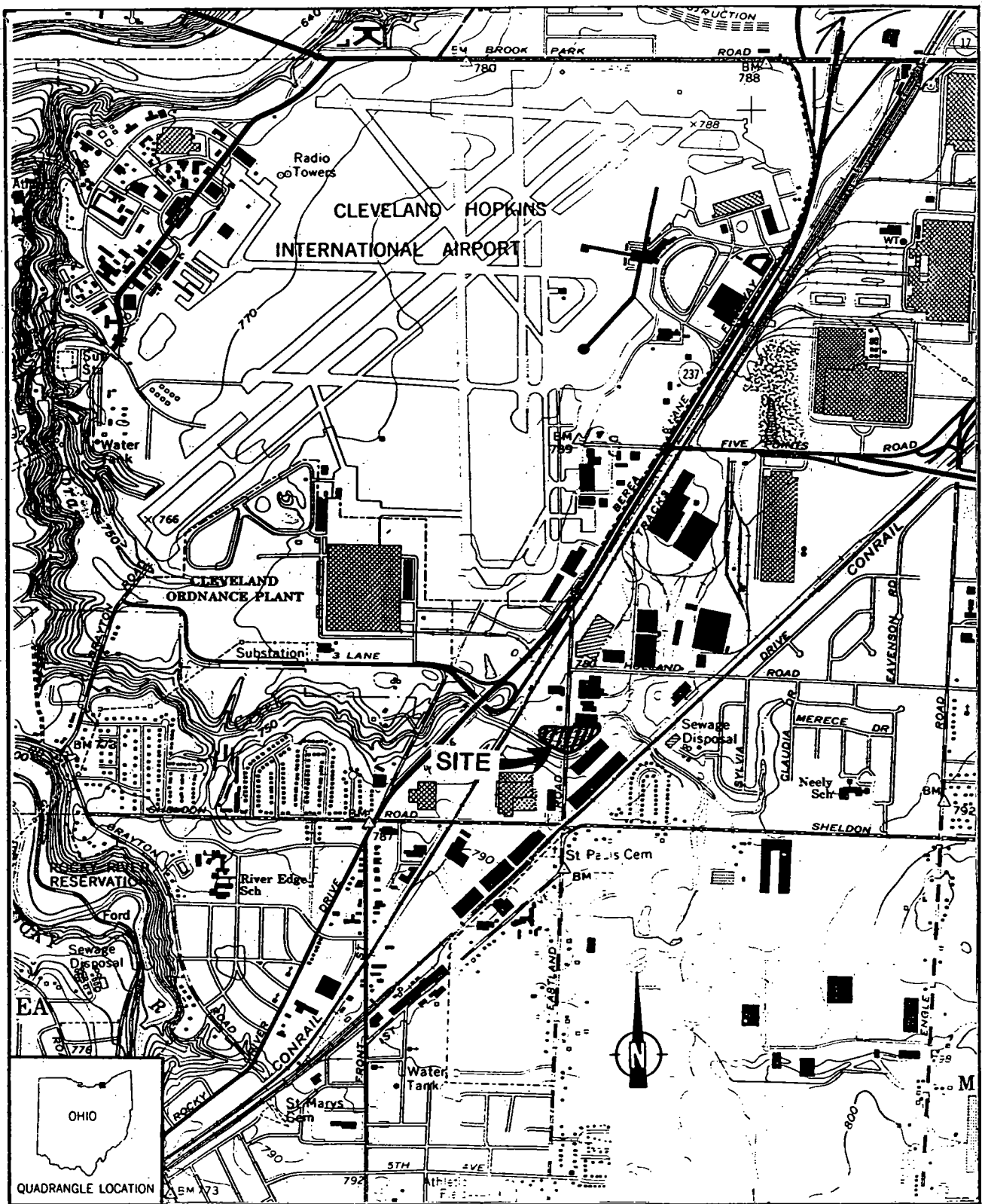
The Naiman/Caravan site is an inactive dump where foundry sand has been dumped in low-lying areas along the banks of Abrams Creek. The foundry sand has been covered with a clay-soil mixture several feet thick. The site is located on a 3- to 4-acre parcel of land in a light industrial park on Eastland Road 1/3 mile south of Highway 237, in Brook Park, Ohio, in Cuyahoga County (T.6N., R.14W.) (see Figure 2-1). The site property is split approximately in half by Eastland Road. A 4-mile radius map of the Naiman/Caravan site is provided in Appendix A.

2.3 SITE HISTORY

The site property on the west side of Eastland Road is owned by the Caravan Company of Bedford Heights, Ohio. The site property on the east side of Eastland Road is owned by the Naiman Company of Brook Park.

It is alleged that Leone Corporation transported and dumped foundry sand (solid waste with an oily binder) from Ford Motor Company's Cleveland Casting Plant at the site sometime during the late 1960s to the early 1970s (Coneglio 1987). The site does not currently have, nor has it had, a permit for this dumping.

The 1978 U.S. EPA inspection of the Brook Park sites involved sample collection and site analyses. No emergency response activity



SOURCE: Ecology and Environment, Inc., 1988; BASE MAP: USGS, Lakewood, OH Quadrangle, 7.5 Minute Series, 1963.

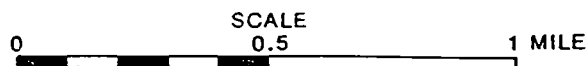


FIGURE 2-1 SITE LOCATION

resulted from this inspection. Other regulatory agencies involved with the Brook Park sites include the U.S. Army Corp of Engineers and the Ohio Environmental Protection Agency. Regulatory agencies have made general recommendations on clean-up, bank stabilization, covering, revegetation, etc.

3. SCREENING SITE INSPECTION PROCEDURES AND FIELD OBSERVATIONS

3.1 INTRODUCTION

This section outlines procedures and observations of the SSI of the Naiman/Caravan site. Individual subsections address the site representative interview, reconnaissance inspection, and sampling procedures. Rationales for specific FIT activities are also provided. The SSI was conducted in accordance with the U.S. EPA-approved work plan.

The U.S. EPA Potential Hazardous Waste Site Inspection Report (Form 2070-13) for the Naiman/Caravan site is provided in Appendix B. The U.S. EPA Immediate Removal Action Checksheet for the Naiman/Caravan site is provided in Appendix C.

3.2 SITE REPRESENTATIVE INTERVIEW

Dirk Kaiser, FIT team leader, conducted an interview with Fred Hitti, Vice President of Caravan Company, and Thomas Domoracki, owner of Naiman Company. The interview was conducted over the phone with Domoracki on July 15, 1987, and on-site with Hitti on August 25, 1987. The interviews were conducted to gather information that would aid FIT in conducting SSI activities.

3.3 RECONNAISSANCE INSPECTION

Following the site representative interview, FIT conducted a reconnaissance inspection of the Naiman/Caravan site and surrounding area in accordance with Ecology and Environment (E & E) Health and Safety guidelines. The reconnaissance inspection included a walk-through of the site to determine appropriate health and safety

requirements for conducting on-site activities and to make observations to aid in characterizing the site. FIT also determined exact sampling locations during the reconnaissance inspection.

The reconnaissance inspection was conducted on August 25, 1987, at 8:30 a.m. FIT was not accompanied by site representatives.

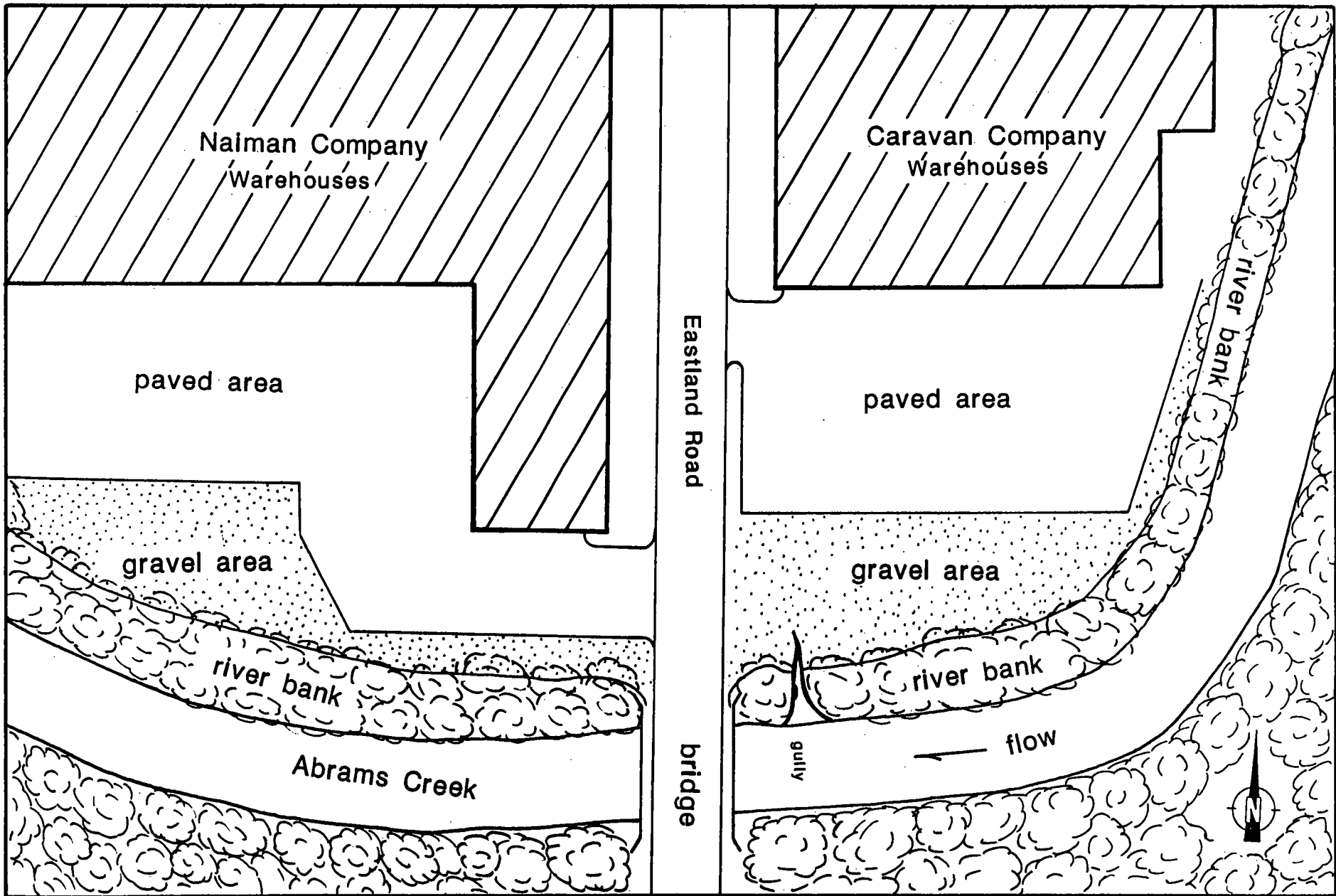
Reconnaissance Inspection Observations. The Naiman/Caravan site slopes toward Abrams Creek, which borders the site on the south and southeast. The site is bordered on the north and west by small warehouse operations.

The Caravan Company's portion of the site is 90% warehouse buildings and parking lot cement, which covers the original dumping areas (see Figure 3-1 for locations of site features). On the south edge of the Caravan property, near Abrams Creek, a gravel area approximately 100 by 200 feet overlies the foundry sand and cover. Augering in this area revealed material that appeared to be black foundry sand at a depth of 2 feet. The banks of Abrams Creek along Caravan Company's portion of the site are between 25 and 30 feet above the water level. A walk around the creek banks revealed general construction debris and three crushed 55-gallon drums. The creek bank is overgrown with vegetation and appears stable.

The Naiman Company's portion of the site is 95% covered with warehouses and a concrete parking lot. The banks of Abrams Creek along Naiman Company's portion of the site are between 30 and 40 feet above the water level and are highly vegetated. The banks appear stable. No gullies or foundry sand were observed by FIT along the banks of Abrams Creek on the Naiman Company portion of the site.

Abrams Creek is approximately 20 feet wide and varies in depth from 1 to 3 feet. Abrams Creek is perennial and flows from east to west (U.S. Geological Survey 1984).

There are no fences or guards at either the Naiman or Caravan Company's portion of the site. No exposed wastes were observed. Photographs of the Naiman/Caravan site and of Abrams Creek are provided in Appendix D.



SOURCE: Ecology & Environment, Inc., 1988.



FIGURE 3-1 SITE FEATURES MAP

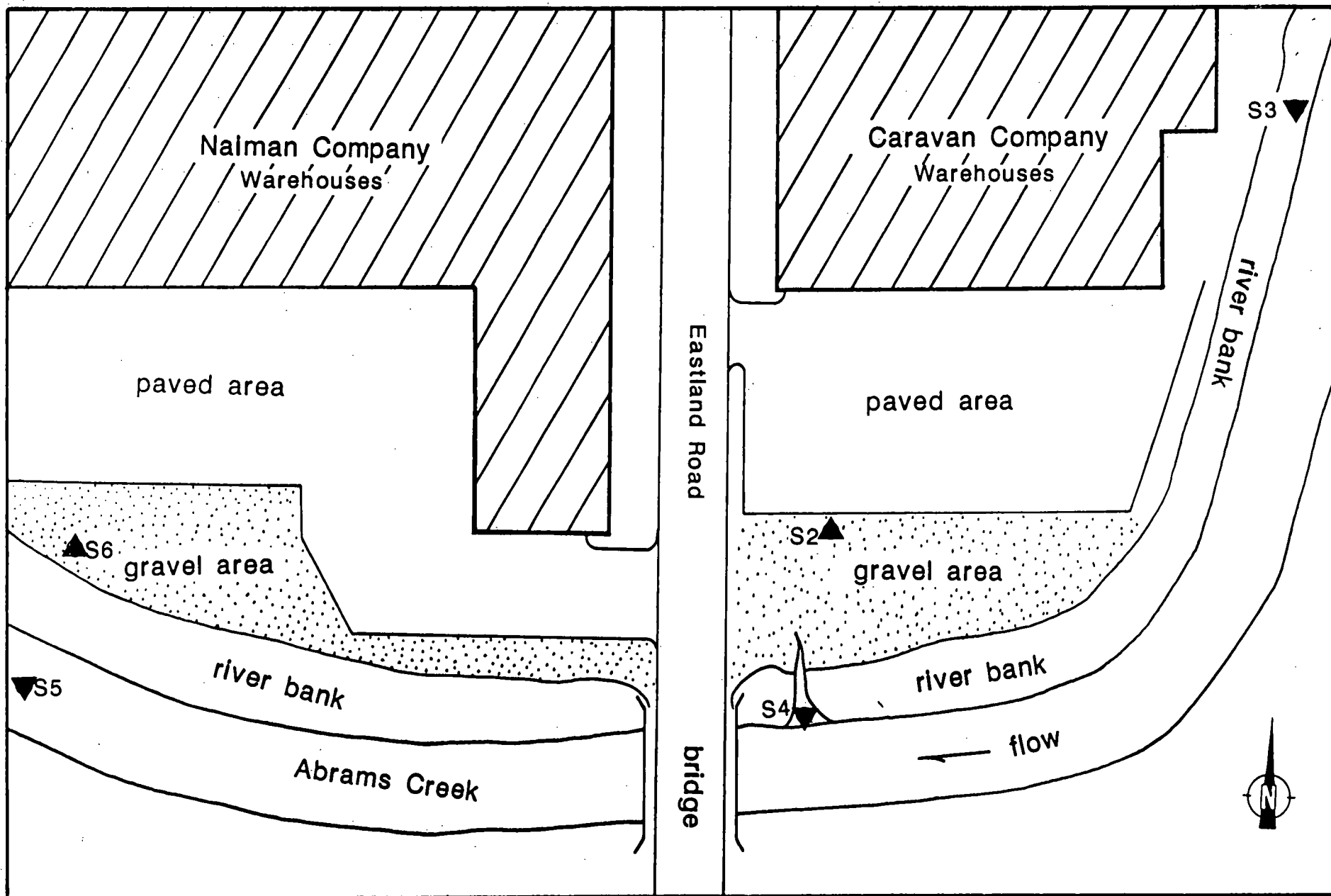
3.4 SAMPLING PROCEDURES

Samples were collected by FIT at locations determined during the reconnaissance inspection to determine levels of U.S. EPA Target Compound List (TCL) compounds and U.S. EPA Target Analyte List (TAL) analytes present at the site. The TCL and TAL are provided in Appendix E.

On August 25, 1987, FIT collected two subsurface soil samples, two stream sediment samples, one gully/sediment sample, and a potential background surface soil sample (see Figure 3-2 for soil sampling locations). Sample portions were offered to the site representatives, who declined them.

Soil Sampling Procedures. Subsurface soil sample S2 was collected in the gravel area of Caravan Company's parking lot. This sampling location was chosen because it would allow a subsurface waste sample to be collected easily through the cap. Subsurface sediment samples S3 and S5 were collected in the sediment of Abrams Creek. Sample S3, of upstream sediment, was collected upriver of the eastern border of the Caravan Company's portion of the site. Sample S5 was collected downriver, at the western border of the Naiman Company's portion of the site. Sediment sample S4 was collected in the gully sediment approximately 20 feet east of the Eastland Road bridge. The location for sediment sample S4 was chosen to determine whether any U.S. EPA Target Compound List (TCL) compounds or U.S. EPA Target Analyte List (TAL) analytes from the site were migrating via the gully to Abrams Creek. Subsurface soil sample S6 was collected in the grassy area at the south edge of Naiman Company's parking lot. The location for subsurface soil sample S6 was chosen to provide waste characteristics for the material under the Naiman Company's portion of the site.

Subsurface soil samples S2 and S6 were collected using a field technique that employed a power auger and a bucket auger. The power auger was used to bore a hole to an approximate depth of 6 feet. After completion of the boring, a sample was obtained from the bottom of the borehole using the bucket auger. The material collected in the bucket auger was then transferred to a stainless steel bowl. Sample material was then transferred from the bowl to sample bottles using stainless steel spoons (E & E 1987).



SOURCE: Ecology & Environment, Inc., 1988.

FIGURE 3-2 SOIL SAMPLING LOCATIONS

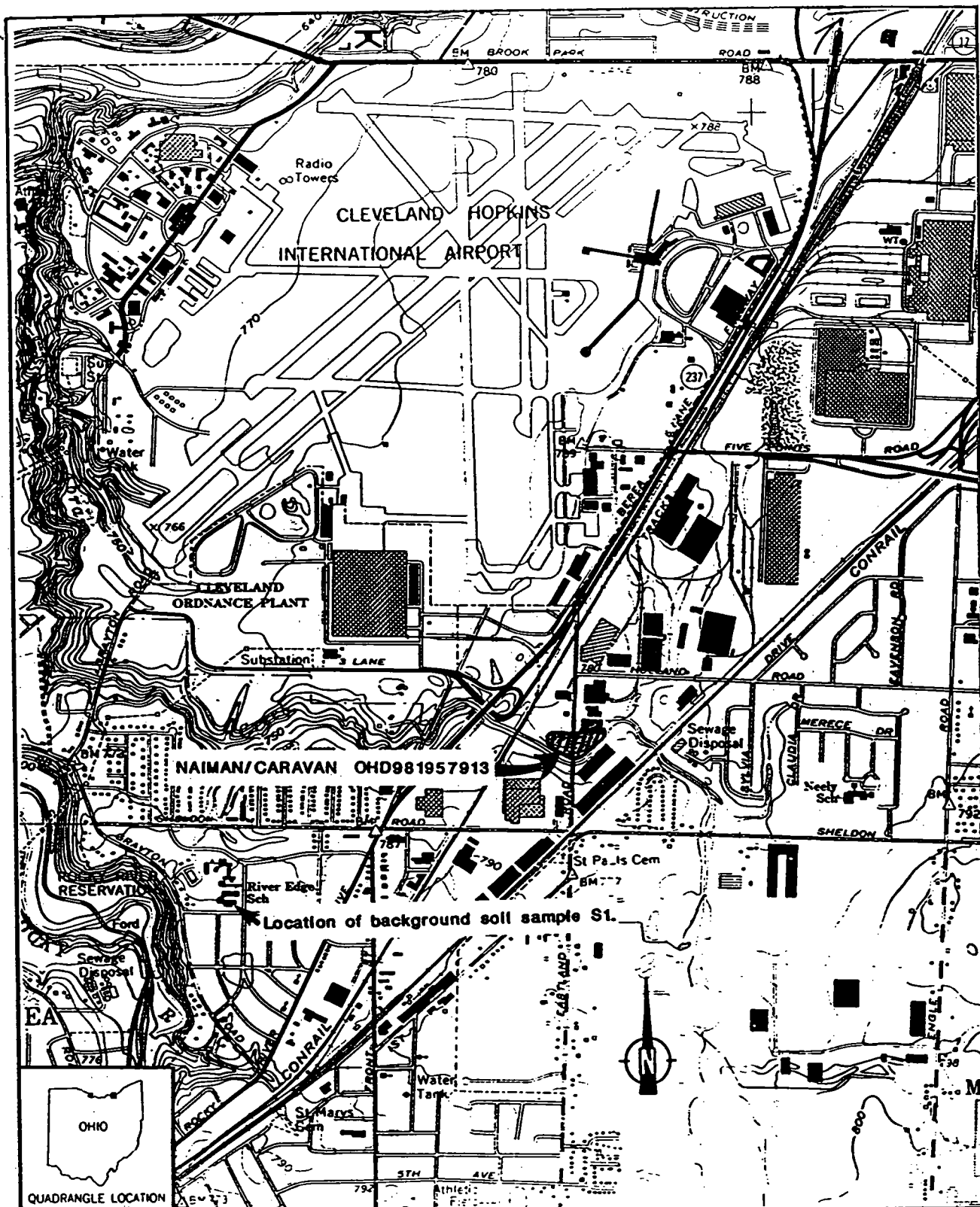
Stream sediment samples S3, S4, and S5 were collected from the center of the creek or gully using a shovel to obtain the sediment sample. The sediment was then transferred to a stainless steel bowl. Sample material from the bowl was placed in sample bottles using stainless steel spoons (E & E 1987). Sediment samples were collected to determine whether TCL compounds or TAL analytes had migrated from the landfill into surface water.

A potential background soil sample (indicated as S1) was collected from a nearby school playground (see Figure 3-3 for potential background soil sample location). The potential background sample was collected to determine the representative chemical content of the soil in the area surrounding the site. The location of S1 was chosen because the ground surface appeared to be in an undisturbed state.

Sample S1 was obtained by using a trowel to dig to a depth of 6 inches. The sample material was transferred to a stainless steel bowl with the trowel. The soil was transferred to sample bottles from the bowl using a stainless steel spoon (E & E 1987).

Standard E & E decontamination procedures were adhered to during the collection of all soil samples. The procedures included the scrubbing of all equipment (i.e., auger flights, trowels, bowls, and spoons) with a solution of detergent (Alconox) and distilled water, and triple rinsing the equipment with distilled water before the collection of each sample (E & E 1987). All soil samples were packaged and shipped in accordance with U.S. EPA-required procedures.

As directed by U.S. EPA, soil/sediment samples S1, S2, S3, S4, S5, and S6 were analyzed for TCL compounds and TAL analytes by Enseco/California Analytical Laboratory of West Sacramento, California.



SOURCE: Ecology and Environment, Inc., 1988: BASE MAP: USGS, Lakewood, OH Quadrangle, 7.5 Minute Series, 1963.



FIGURE 3-3 POTENTIAL BACKGROUND SOIL SAMPLE LOCATION

4. ANALYTICAL RESULTS

4.1 INTRODUCTION

This section includes results of chemical analysis of FIT-collected soil/sediment samples for TCL compounds and TAL analytes.

4.2 RESULTS OF CHEMICAL ANALYSIS OF FIT-COLLECTED SAMPLES

Chemical analysis of FIT-collected soil samples revealed substances from the following groups of TCL compounds and TAL analytes: sulfur hydrocarbons, ketones, halogenated hydrocarbons, halogenated aromatics, aromatics, polyaromatic hydrocarbons, nitrogen hydrocarbons, phthalates, pesticides, and heavy metals (see Table 4-1 for complete soil sample chemical analysis results).

Laboratory analytical data of soil sample analysis and Contract Laboratory Program (CLP) quantitation/detection limits are provided in Appendix E.

Table 4-1
RESULTS OF CHEMICAL ANALYSIS OF
FIT-COLLECTED SOIL SAMPLES

Sample Collection Information and Parameters	Sample Number					
	S1	S2	S3	S4	S5	S6
Date	8/25/87	8/25/87	8/25/87	8/25/87	8/25/87	8/25/87
Time	1515	1020	1110	1145	1245	1315
Organic Traffic Report Number	EP021	EP022	EP023	EP024	EP025	EP026
Inorganic Traffic Report Number	MEU513	MEU514	MEU515	MEU516	MEU517	MEU518
<u>Compound Detected</u> (values in µg/kg)						
<u>Volatile Organics</u>						
bromomethane	3JB	3JB	2JB	3JB	2JB	2JB
methylene chloride	5B	32B	8B	6B	8B	13B
acetone	100B	32B	48B	81B	20B	120B
carbon disulfide	—	—	—	—	1J	3JB
2-butanone (MEK)	4JB	4JB	—	3JB	3JB	16B
4-methyl-2-pentanone	—	2J	—	—	—	—
tetrachloroethene	—	3J	—	—	—	1J
toluene	7B	24B	3JB	3JB	4JB	13B
styrene	—	—	—	—	1J	—
xylenes (total)	—	—	—	—	—	10
<u>Semivolatile Organics</u>						
phenol	1,200B	1,300B	1,500B	1,500JB	1,700B	3,200JB
1,4-dichlorobenzene	—	—	—	—	68J	—
1,2-dichlorobenzene	—	—	—	—	190J	—
2-methylphenol	1,600B	1,400B	2,000B	1,500JB	1,900B	1,300JB
bis(2-chloroisopropyl)ether	2,200B	—	—	—	—	—
4-methylphenol	—	1,800B	2,700B	1,600B	2,500B	3,100JB
isophorone	62JB	52JB	81JB	—	85JB	—
2,4-dimethylphenol	790B	790B	1,200B	850JB	1,100B	—
naphthalene	48J	320J	120JB	—	87J	810J
2-methylnaphthalene	69J	350	130J	—	77J	620J

Table 4-1 (Cont.)

Sample Collection Information and Parameters	Sample Number					
	S1	S2	S3	S4	S5	S6
acenaphthylene	51J	—	96J	—	120J	—
dibenzofuran	—	120J	91J	—	100J	400J
diethylphthalate	—	—	—	—	110J	—
fluorene	—	53J	110J	—	130J	550J
n-nitrosodiphenylamine	—	88J	72J	570	—	760J
phenanthrene	250J	500	690	550J	1,200	2,700J
anthracene	59J	80J	190J	—	280J	610J
di-n-butylphthalate	—	40J	48J	830JB	76J	540J
fluoranthene	620	200J	910	700J	1,700	2,800J
pyrene	460	180J	720	530J	1,000	1,800J
butylbenzylphthalate	—	—	—	810J	—	—
benzo[a]anthracene	280J	110J	620	—	640	1,100J
chrysene	320J	180J	510	330J	550	1,200J
bis(2-ethylhexyl)phthalate	330B	220JB	400B	2,200B	490B	—
benzo[b]fluoranthene	230J	190J	1,300	500J	930	1,500J
benzo[a]pyrene	—	99J	910	—	470	670J
indeno[1,2,3-cd]pyrene	320J	79J	740	—	370	—
dibenzo[a,h]anthracene	57J	44J	140J	—	110J	—
benzo[g,h,i]perylene	330	130J	630	—	360	—
<u>Pesticides/PCBs</u>						
4,4'-DDE	20	—	—	—	—	—
4,4'-DDT	31	—	—	—	—	—
<u>Analyte Detected</u>						
<u>(values in mg/kg)</u>						
aluminum	10,732	2,280	3,180	3,410	28,000	9,140
antimony	—	—	—	—	—	[27]
arsenic	9.3	—	—	—	9.1	8.9
barium	[97]	[29]	[33]	[39]	[44]	279
beryllium	[0.6]	[0.3]	—	—	[0.6]	—
cadmium	—	—	[1.7]	—	—	32.9
calcium	7,200	8,010	11,700	10,300	23,100	13,900
chromium	16	14	52	28	38	195

Table 4-1 (Cont.)

Sample Collection Information and Parameters	Sample Number					
	S1	S2	S3	S4	S5	S6
cobalt	[9]	—	—	[6]	[12]	[23]
copper	18	20	42	28	158	1,010
iron	21,902	12,547	22,000	13,000	25,000	129,000
lead	57.1	15.0	20.0	18.5	19.2	638
magnesium	2,730	[1,600]	[1,790]	2,540	8,270	3,170
manganese	935	246	549	267	464	3,144
mercury	—	—	—	—	—	1.2
nickel	23	—	[24]	[52]	35	148
potassium	1,040	—	[313]	[618]	[1,780]	[418]
silver	—	—	—	[3.2]	—	[7.1]
sodium	[54]E	[133]E	[110]E	[226]E	[175]E	[597]E
vanadium	[22.1]	[4.3]	[8.9]	[7.5]	[23.1]	[31.0]
zinc	108	66	88	101	95	2,310

— Not detected.

Table 4-1 (Cont.)

COMPOUND QUALIFIERS	DEFINITION	INTERPRETATION
J	Indicates an estimated value.	Compound value may be semiquantitative.
B	This flag is used when the compound is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.	Compound value may be semiquantitative if it is <5x the blank concentration (<10x the blank concentrations for common laboratory artifacts: phthalates, methylene chloride, acetone, toluene, 2-butanone).
ANALYTE QUALIFIERS	DEFINITION	INTERPRETATION
E	Estimated or not reported due to interference. See laboratory narrative.	Analyte or element was not detected, or value may be semiquantitative.
[]	Value is real, but is above instrument DL and below CRDL.	Value may be quantitative or semiquantitative.

Source: Ecology and Environment, Inc. 1988.

5. DISCUSSION OF MIGRATION PATHWAYS

5.1 INTRODUCTION

This section discusses data and information that apply to potential migration pathways and targets of TCL compounds and/or TAL analytes that may be attributable to the Naiman/Caravan site.

The five migration pathways of concern discussed are groundwater, surface water, air, fire and explosion, and direct contact.

5.2 GROUNDWATER

Because groundwater sampling was not included in the Naiman/Caravan SSI, it was not determined whether TCL compounds or TAL analytes occur in groundwater near the site. A low potential does exist for TCL compounds and TAL analytes to migrate from the site to groundwater in the vicinity of the site. This potential is based on the following information.

- TCL compounds and TAL analytes were detected in soil/sediment samples collected at the site at higher concentrations than were detected in the potential background soil sample.
- Waste has been deposited at the site as a solid with an oily binder.
- There is no evidence that a liner exists at the site.

- FIT observed no leachate collection systems on-site.

The low potential for TCL compounds or TAL analytes to migrate to groundwater in the vicinity of the site is also based on the following geological information.

- The general geology of the area of the site consists of glacially derived deposits of sand, clay, and shale layers that overlie a shale bedrock (Crowell 1979).
- Sand lenses form the aquifer of concern in the area of the site (Crowell 1979).
- There are continuous impermeable confining layers of clays and shales within a 3-mile radius of the site.

No potential targets of possible groundwater contamination are found within a 3-mile radius of the site. No drinking water source or industrial wells occur within a 3-mile radius of the site, and all water is obtained from offshore intakes in Lake Erie (Jefferies 1986, Crowell 1979).

5.3 SURFACE WATER

TCL compounds and TAL analytes were detected in the sediment samples collected from Abrams Creek. Copper was the only analyte detected at a higher concentration in the downstream sample (S5) than in the upstream sample (S3). Since copper was detected at an even higher concentration in sample S6, the on-site core sample, it is feasible that copper is being released to Abrams Creek from the site. However, sample S6 also contained high concentrations of many other heavy metals (i.e., cadmium, chromium, lead, mercury, nickel, and zinc), none of which were detected in downstream sediment at higher concentrations than in upstream sediments. Therefore, no analytical data, other than that for copper, supports the conclusion of an observed release.

A potential does exist for substances from the site to reach the stream via surface water runoff. This potential is based on the following information.

- TCL compounds and TAL analytes have been detected at the site.
- Waste has been deposited at the site as a solid with an oily binder.
- There are no surface water diversion structures present at the site.
- The site surface slopes toward the creek.

The potential for Abrams Creek to become contaminated is increased because the foundry sand borders, and forms the bank of, Abrams Creek. The creek is not used for drinking water, irrigation, or recreation (Boruszewski 1988). Abrams Creek does discharge into the Rocky River; which contains a large recreation area 8 miles downstream (USGS 1984).

5.4 AIR

A release of potential contaminants to the air was not documented during the SSI of the Naiman/Caravan site. During the reconnaissance inspection, FIT site-entry instruments (organic vapor analyzer, hydrogen cyanide monitor, and explosimeter) did not detect levels above background concentrations at the site (E & E 1987). In accordance with the U.S. EPA-approved work plan, further air monitoring was not conducted by FIT.

There is no potential for windblown particulates to carry TCL compounds or TAL analytes from the site because the dump area is entirely covered with 2 feet of clay and paved over in approximately 90% of the landfill area.

5.5 FIRE AND EXPLOSION

Lt. Boruszewski of the Brook Park Fire Department, has stated, and FIT observations and explosimeter readings confirm, that there is no apparent potential for fire or explosion at the Naiman/Caravan site.

5.6 DIRECT CONTACT

According to federal, state, and local file information reviewed by FIT, no incident of direct contact attributable to TCL compounds or TAL analytes at the Naiman/Caravan site has occurred.

There is no potential for the public to come into direct contact with site waste because the site is almost entirely paved over, and the remainder of the site is overlain by a clay/soil cap approximately 2 feet thick.

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APPENDIX A

SITE 4-MILE RADIUS MAP



SITE NAME **OHD98157913**
U.S. EPA ID# **Naiman, Carolyn**

USGS TOPOGRAPHIC MAPS:

NAME North Olmsted	NAME Lakewood
DATE 1963	DATE 1963
REVISED 1979	REVISED 1979
NAME West View	NAME Berea
DATE 1963	DATE 1963
REVISED 1970	REVISED 1979

SCALE
0 1/2 1 MILE

QUADRANGLE LOCATION



USGS TOPOGRAPHIC MAPS:

NAME <u>North Olmsted</u>	NAME <u>LAKEWOOD</u>
DATE <u>1963</u>	DATE <u>1963</u>
REVISED <u>1979</u>	REVISED <u>1979</u>
NAME <u>West View</u>	NAME <u>Berea</u>
DATE <u>1963</u>	DATE <u>1963</u>
REVISED <u>1970</u>	REVISED <u>1979</u>

SCALE

0 1/2 1 MILE

QUADRANGLE LOCATION

SITE NAME QHD8157913

U.S. EPA ID# NAMMAN/CADMAN

APPENDIX B

U.S. EPA FORM 2070-13

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT						I. IDENTIFICATION		
PART 1 - SITE LOCATION AND INSPECTION INFORMATION						01 STATE OH	02 SITE NUMBER D981957913	
						II. SITE NAME AND LOCATION		
01 SITE NAME (Legal, common, or descriptive name of site) Naiman Company/Caravan Company				02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 6410 & 6427 Eastland Road				
03 CITY Brook Park				04 STATE OH	05 ZIP CODE 44142	06 COUNTY Cuyahoga	07 COUNTY CODE 035	08 CONG DIST 20
09 COORDINATES		10 TYPE OF OWNERSHIP (Check one)						
LATITUDE 41 23 36	LONGITUDE 081 50 30	<input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER <input type="checkbox"/> G. UNKNOWN						
III. INSPECTION INFORMATION								
01 DATE OF INSPECTION 8/25/88 MO/DAY/YR		02 SITE STATUS <input type="checkbox"/> ACTIVE <input checked="" type="checkbox"/> INACTIVE		03 YEARS OF OPERATION 1967 1970 UNKNOWN BEGINNING YEAR ENDING YEAR				
04 AGENCY PERFORMING INSPECTION (Check all that apply)								
<input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR Ecology & Environment, Inc. <input type="checkbox"/> C. MUNICIPAL <input type="checkbox"/> D. MUNICIPAL CONTRACTOR (Name of firm)								
<input type="checkbox"/> E. STATE <input type="checkbox"/> F. STATE CONTRACTOR <input type="checkbox"/> G. OTHER (Name of firm) (Specify)								
05 CHIEF INSPECTOR Dirk Kaiser		06 TITLE Geologist		07 ORGANIZATION E & E		08 TELEPHONE NO. (312) 663-9415		
09 OTHER INSPECTORS Craig Almanza		10 TITLE Technician		11 ORGANIZATION E & E		12 TELEPHONE NO. (312) 663-9415		
Cathy Schlesinger		Soil Scientist		E & E		(312) 663-9415		
Don Clark		Geologist		E & E		(312) 663-9415		
Ron Short		Technician		E & E		(312) 663-9415		
13 SITE REPRESENTATIVES INTERVIEWED Tom Domoracki		14 TITLE Owner Naiman Co.		15 ADDRESS 26050 Richmond Rd. Bedford Hts, OH 44146		16 TELEPHONE NO. (216) 292-3636		
Fred Hitti		Vice President Caravan Co.		6427 Eastland Rd. Brook Park, OH 44142		(216) 243-4100		
17 ACCESS GAINED BY (Check one) <input checked="" type="checkbox"/> PERMISSION <input type="checkbox"/> WARRANT		18 TIME OF INSPECTION 8:00 a.m.		19 WEATHER CONDITIONS Sunny, 85°F, No wind				
IV. INFORMATION AVAILABLE FROM								
01 CONTACT Rod Beahls		02 OF (Agency/Organization) Ohio EPA - N.E. District Office				03 TELEPHONE NO. (312) 886-0393		
04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM Dirk Kaiser		05 AGENCY FIT	06 ORGANIZATION E & E	07 TELEPHONE NO. (312) 663-9415		08 DATE 6/30/88		

EPA		POTENTIAL HAZARDOUS WASTE SITE		I. IDENTIFICATION	
SITE INSPECTION REPORT		01 STATE OH		02 SITE NUMBER D981957913	
PART 2 - WASTE INFORMATION					
II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS					
01 PHYSICAL STATES (Check all that apply) <input checked="" type="checkbox"/> A. SOLID <input type="checkbox"/> E. SLURRY <input type="checkbox"/> B. POWDER, FINES <input type="checkbox"/> F. LIQUID <input type="checkbox"/> C. SLUDGE <input type="checkbox"/> G. GAS <input checked="" type="checkbox"/> D. OTHER Oily wastes (Specify)		02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent) TONS Unknown CUBIC YARDS NO. OF DRUMS		03 WASTE CHARACTERISTICS (Check all that apply) <input checked="" type="checkbox"/> A. TOXIC <input type="checkbox"/> E. SOLUBLE <input type="checkbox"/> I. HIGHLY VOLATILE <input type="checkbox"/> B. CORROSIVE <input type="checkbox"/> F. INFECTIOUS <input type="checkbox"/> J. EXPLOSIVE <input type="checkbox"/> C. RADIOACTIVE <input type="checkbox"/> G. FLAMMABLE <input type="checkbox"/> K. REACTIVE <input checked="" type="checkbox"/> D. PERSISTENT <input type="checkbox"/> H. IGNITABLE <input type="checkbox"/> L. INCOMPATIBLE <input type="checkbox"/> M. NOT APPLICABLE	
III. WASTE TYPE					
CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS	
SLU	SLUDGE				
OLW	OILY WASTE	Unknown		Detected in FIT soil samples	
SOL	SOLVENTS				
PSD	PESTICIDES				
OCC	OTHER ORGANIC CHEMICALS	Unknown		Detected in FIT soil samples	
IOC	INORGANIC CHEMICALS				
ACD	ACIDS				
BAS	BASES				
MES	HEAVY METALS	Unknown		Detected in FIT soil samples	
IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)					
01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
SOL	carbon disulfide	75-15-0	landfill	3J	ug/kg
SOL	tetrachloroethene	127-18-4	landfill	3J	ug/kg
OCC	styrene	100-42-5	landfill	1J	ug/kg
SOL	total xylenes	1330-20-7	landfill	10	ug/kg
SOL	1,4-dichlorobenzene	106-46-7	landfill	68J	ug/kg
SOL	1,2-dichlorobenzene	95-50-1	landfill	190J	ug/kg
OCC	napthalene	91-20-3	landfill	810J	ug/kg
OCC	2-methylnapthalene	91-57-6	landfill	620J	ug/kg
OCC	acenaphthylene	208-96-8	landfill	120J	ug/kg
OCC	dibenzofuran	132-64-9	landfill	400J	ug/kg
OCC	diethylphthalate	84-66-2	landfill	110J	ug/kg
OCC	fluorene	86-73-7	landfill	550J	ug/kg
OCC	n-nitrosodiphenylamine	86-30-6	landfill	570	ug/kg
OCC	phenanthrene	85-01-8	landfill	2700J	ug/kg
OCC	anthracene	120-12-7	landfill	610J	ug/kg
V. FEEDSTOCKS (See Appendix for CAS Numbers)					
CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS	None		FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		
VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)					
Laboratory data from FIT 8/25/87 sampling					
File information					

Continued from Part 11, Section IV.

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

[illegible]

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT		I. IDENTIFICATION	
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS		01 STATE OH	02 SITE NUMBER D981957913
II. HAZARDOUS CONDITIONS AND INCIDENTS			
<div style="display: flex; justify-content: space-between;"> 01 <u>X</u> A. GROUNDWATER CONTAMINATION 02 <u> </u> OBSERVED (DATE: <u> </u>) <u>X</u> POTENTIAL <u> </u> ALLEGED </div> <div style="display: flex; justify-content: space-between;"> 03 POPULATION POTENTIALLY AFFECTED: <u> 0 </u> 04 NARRATIVE DESCRIPTION </div> <p>The groundwater could potentially become contaminated as the site is unlined. There are no drinking wells in the groundwater in the three-mile radius of the site. The aquifer of concern is the local sand and gravel lenses in the glacially derived sand, silt, clay, and gravel strata.</p>			
<div style="display: flex; justify-content: space-between;"> 01 <u>X</u> B. SURFACE WATER CONTAMINATION 02 <u> </u> OBSERVED (DATE: <u> </u>) <u>X</u> POTENTIAL <u> </u> ALLEGED </div> <div style="display: flex; justify-content: space-between;"> 03 POPULATION POTENTIALLY AFFECTED: <u> 0 </u> 04 NARRATIVE DESCRIPTION </div> <p>FIT sampling indicated that presently Abrams Creek has not been contaminated by the site. Although the site is covered by a 2 foot clay cap, the potential exists for Abrams Creek to become contaminated. Abrams Creek is unused.</p>			
<div style="display: flex; justify-content: space-between;"> 01 <u> </u> C. CONTAMINATION OF AIR 02 <u> </u> OBSERVED (DATE: <u> </u>) <u> </u> POTENTIAL <u> </u> ALLEGED </div> <div style="display: flex; justify-content: space-between;"> 03 POPULATION POTENTIALLY AFFECTED: <u> 0 </u> 04 NARRATIVE DESCRIPTION </div> <p>FIT Health and Safety monitoring equipment did not detect the presence of air contamination due to this site. There is no potential for an air release as the site is covered with a clay cover 2 feet thick or paved.</p>			
<div style="display: flex; justify-content: space-between;"> 01 <u> </u> D. FIRE/EXPLOSIVE CONDITIONS 02 <u> </u> OBSERVED (DATE: <u> </u>) <u> </u> POTENTIAL <u> </u> ALLEGED </div> <div style="display: flex; justify-content: space-between;"> 03 POPULATION POTENTIALLY AFFECTED: <u> 0 </u> 04 NARRATIVE DESCRIPTION </div> <p>There is no apparent fire or explosive condition at the site. Local fire officials confirm this.</p>			
<div style="display: flex; justify-content: space-between;"> 01 <u> </u> E. DIRECT CONTACT 02 <u> </u> OBSERVED (DATE: <u> </u>) <u> </u> POTENTIAL <u> </u> ALLEGED </div> <div style="display: flex; justify-content: space-between;"> 03 POPULATION POTENTIALLY AFFECTED: <u> 0 </u> 04 NARRATIVE DESCRIPTION </div> <p>The site is 90% paved over and the rest is covered with a clay cap. The potential for direct contact with hazardous waste is unlikely.</p>			
<div style="display: flex; justify-content: space-between;"> 01 <u>X</u> F. CONTAMINATION OF SOIL 02 <u>X</u> OBSERVED (DATE: <u>8/25/88</u>) <u> </u> POTENTIAL <u> </u> ALLEGED </div> <div style="display: flex; justify-content: space-between;"> 03 AREA POTENTIALLY AFFECTED: <u> -3 - 4 </u> 04 NARRATIVE DESCRIPTION </div> <p style="text-align: center;">(Acres)</p> <p>FIT sampling confirmed the presence of contaminants in the soil.</p>			
<div style="display: flex; justify-content: space-between;"> 01 <u> </u> G. DRINKING WATER CONTAMINATION 02 <u> </u> OBSERVED (DATE: <u> </u>) <u> </u> POTENTIAL <u> </u> ALLEGED </div> <div style="display: flex; justify-content: space-between;"> 03 POPULATION POTENTIALLY AFFECTED: <u> 0 </u> 04 NARRATIVE DESCRIPTION </div> <p>The entire area in the 3-mile radius is using Lake Erie water for drinking water.</p>			
<div style="display: flex; justify-content: space-between;"> 01 <u> </u> H. WORKER EXPOSURE/INJURY 02 <u> </u> OBSERVED (DATE: <u> </u>) <u> </u> POTENTIAL <u> </u> ALLEGED </div> <div style="display: flex; justify-content: space-between;"> 03 WORKERS POTENTIALLY AFFECTED: <u> 0 </u> 04 NARRATIVE DESCRIPTION </div> <p>There is no documented worker exposure/injury, nor is there the potential as the site is covered.</p>			
<div style="display: flex; justify-content: space-between;"> 01 <u> </u> I. POPULATION EXPOSURE/INJURY 02 <u> </u> OBSERVED (DATE: <u> </u>) <u> </u> POTENTIAL <u> </u> ALLEGED </div> <div style="display: flex; justify-content: space-between;"> 03 POPULATION POTENTIALLY AFFECTED: <u> 0 </u> 04 NARRATIVE DESCRIPTION </div> <p>There is no documented population exposure/injury, nor any foreseeable potential for exposure/injury.</p>			

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT		I. IDENTIFICATION	
EPA	PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS	01 STATE OH	02 SITE NUMBER D981957913
II. HAZARDOUS CONDITIONS AND INCIDENTS (CONTINUED)			
01 <input checked="" type="checkbox"/> J. DAMAGE TO FLORA		02 <input type="checkbox"/> OBSERVED (DATE: _____) <input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED	
04 NARRATIVE DESCRIPTION No damage to flora was observed by the FIT team. As high concentrations of analytes were found in on-site soils, the potential exists for damage to flora.			
01 <input checked="" type="checkbox"/> K. DAMAGE TO FAUNA		02 <input type="checkbox"/> OBSERVED (DATE: _____) <input checked="" type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED	
04 NARRATIVE DESCRIPTION (Include name(s) of species) No damage to fauna was observed by the FIT team. As high concentrations of analytes were found in on-site soils, the potential exists for damage to fauna.			
01 <input type="checkbox"/> L. CONTAMINATION OF FOOD CHAIN		02 <input type="checkbox"/> OBSERVED (DATE: _____) <input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED	
04 NARRATIVE DESCRIPTION There is no evidence for contamination of the food chain.			
01 <input type="checkbox"/> M. UNSTABLE CONTAINMENT OF WASTES (Spills/runoff/standing liquids/leaking drums)		02 <input type="checkbox"/> OBSERVED (DATE: _____) <input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED	
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION The site banks and clay cap appear to be stable and intact.			
01 <input type="checkbox"/> N. DAMAGE TO OFFSITE PROPERTY		02 <input type="checkbox"/> OBSERVED (DATE: _____) <input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED	
04 NARRATIVE DESCRIPTION There is no record of any damage to off-site property from this site.			
01 <input type="checkbox"/> O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs		02 <input type="checkbox"/> OBSERVED (DATE: _____) <input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED	
04 NARRATIVE DESCRIPTION There is no record of sewer contamination from this site.			
01 <input type="checkbox"/> P. ILLEGAL/UNAUTHORIZED DUMPING		02 <input type="checkbox"/> OBSERVED (DATE: _____) <input type="checkbox"/> POTENTIAL <input type="checkbox"/> ALLEGED	
04 NARRATIVE DESCRIPTION No illegal or unauthorized dumping has occurred at this site.			
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS None			
III. TOTAL POPULATION POTENTIALLY AFFECTED: <u>64,185</u>			
IV. COMMENTS			
As the site is completely covered over and the entire area is served by water from Lake Erie, the site poses low to no hazard to the environment.			
V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports).			
FIT sampling of waste and of Abrams Creek on 8/26/87. File information. Site inspection.			

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 4 - PERMIT AND DESCRIPTIVE INFORMATION				I. IDENTIFICATION <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">01 STATE OH</td> <td style="width:50%;">02 SITE NUMBER D981957913</td> </tr> </table>		01 STATE OH	02 SITE NUMBER D981957913
01 STATE OH	02 SITE NUMBER D981957913						
II. PERMIT INFORMATION							
01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS			
<input type="checkbox"/> A. NPDES							
<input type="checkbox"/> B. UIC							
<input type="checkbox"/> C. AIR				None			
<input type="checkbox"/> D. RCRA							
<input type="checkbox"/> E. RCRA INTERIM STATUS							
<input type="checkbox"/> F. SPCC PLAN							
<input type="checkbox"/> G. STATE (Specify)							
<input type="checkbox"/> H. LOCAL (Specify)							
<input type="checkbox"/> I. OTHER (Specify)							
<input checked="" type="checkbox"/> J. NONE							
III. SITE DESCRIPTION							
01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE	04 TREATMENT (Check all that apply)	05 Other			
<input type="checkbox"/> A. SURFACE IMPOUNDMENT			<input type="checkbox"/> A. INCINERATION	<input checked="" type="checkbox"/> A. BUILDINGS ON SITE			
<input type="checkbox"/> B. PILES			<input type="checkbox"/> B. UNDERGROUND INJECTION				
<input type="checkbox"/> C. DRUMS, ABOVE GROUND			<input type="checkbox"/> C. CHEMICAL/PHYSICAL				
<input type="checkbox"/> D. TANK, ABOVE GROUND			<input type="checkbox"/> D. BIOLOGICAL				
<input type="checkbox"/> E. TANK, BELOW GROUND			<input type="checkbox"/> E. WASTE OIL PROCESSING	06 AREA OF SITE			
<input checked="" type="checkbox"/> F. LANDFILL	Unknown		<input type="checkbox"/> F. SOLVENT RECOVERY	-8 (Acres)			
<input type="checkbox"/> G. LANDFARM			<input type="checkbox"/> G. OTHER RECYCLING/RECOVERY				
<input type="checkbox"/> H. OPEN DUMP			<input type="checkbox"/> H. OTHER <u>None</u>				
<input type="checkbox"/> I. OTHER _____ (Specify)			(Specify)				
07 COMMENTS None.							
IV. CONTAINMENT							
01 CONTAINMENT OF WASTES (Check one)							
<input type="checkbox"/> A. ADEQUATE, SECURE <input type="checkbox"/> B. MODERATE <input checked="" type="checkbox"/> C. INADEQUATE, POOR <input type="checkbox"/> D. INSECURE, UNSOUND, DANGEROUS							
02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC. The site is 90-95% paved over. The remaining area is covered with a clay-soil cap. No liner is known to exist.							
V. ACCESSIBILITY							
01 WASTE EASILY ACCESSIBLE: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO							
02 COMMENTS See IV 02							
VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)							
File information. Site inspection.							

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA		I. IDENTIFICATION <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">01 STATE OH</td> <td style="width:50%;">02 SITE NUMBER D981957913</td> </tr> </table>		01 STATE OH	02 SITE NUMBER D981957913																
01 STATE OH	02 SITE NUMBER D981957913																				
II. DRINKING WATER SUPPLY																					
01 TYPE OF DRINKING SUPPLY (Check as applicable) <table style="width:100%;"> <tr> <td style="width:33%;"></td> <td style="width:33%; text-align: center;">SURFACE</td> <td style="width:33%; text-align: center;">WELL</td> </tr> <tr> <td>COMMUNITY</td> <td style="text-align: center;">A. <u>X</u></td> <td style="text-align: center;">B. <u> </u></td> </tr> <tr> <td>NON-COMMUNITY</td> <td style="text-align: center;">C. <u>X</u></td> <td style="text-align: center;">D. <u> </u></td> </tr> </table>			SURFACE	WELL	COMMUNITY	A. <u>X</u>	B. <u> </u>	NON-COMMUNITY	C. <u>X</u>	D. <u> </u>	02 STATUS <table style="width:100%;"> <tr> <td style="width:33%; text-align: center;">ENDANGERED</td> <td style="width:33%; text-align: center;">AFFECTED</td> <td style="width:33%; text-align: center;">MONITORED</td> </tr> <tr> <td style="text-align: center;">A. <u> </u></td> <td style="text-align: center;">B. <u> </u></td> <td style="text-align: center;">C. <u>X</u></td> </tr> <tr> <td style="text-align: center;">D. <u> </u></td> <td style="text-align: center;">E. <u> </u></td> <td style="text-align: center;">F. <u>X</u></td> </tr> </table>		ENDANGERED	AFFECTED	MONITORED	A. <u> </u>	B. <u> </u>	C. <u>X</u>	D. <u> </u>	E. <u> </u>	F. <u>X</u>
	SURFACE	WELL																			
COMMUNITY	A. <u>X</u>	B. <u> </u>																			
NON-COMMUNITY	C. <u>X</u>	D. <u> </u>																			
ENDANGERED	AFFECTED	MONITORED																			
A. <u> </u>	B. <u> </u>	C. <u>X</u>																			
D. <u> </u>	E. <u> </u>	F. <u>X</u>																			
		03 DISTANCE TO SITE A. > 3 (mi) B. > 3 (mi)																			
III. GROUNDWATER																					
01 GROUNDWATER USE IN VICINITY (Check one) <table style="width:100%;"> <tr> <td style="width:33%;">A. ONLY SOURCE FOR DRINKING</td> <td style="width:33%;">B. DRINKING (Other sources available)</td> <td style="width:33%;">C. COMMERCIAL, INDUSTRIAL IRRIGATION (Limited other sources available)</td> <td style="width:33%;">X D. NOT USED, UNUSEABLE</td> </tr> </table> COMMERCIAL, INDUSTRIAL, IRRIGATION (No other water sources available)				A. ONLY SOURCE FOR DRINKING	B. DRINKING (Other sources available)	C. COMMERCIAL, INDUSTRIAL IRRIGATION (Limited other sources available)	X D. NOT USED, UNUSEABLE														
A. ONLY SOURCE FOR DRINKING	B. DRINKING (Other sources available)	C. COMMERCIAL, INDUSTRIAL IRRIGATION (Limited other sources available)	X D. NOT USED, UNUSEABLE																		
02 POPULATION SERVED BY GROUND WATER <u>0</u>		03 DISTANCE TO NEAREST DRINKING WATER WELL <u>> 3</u> (mi)																			
04 DEPTH TO GROUNDWATER <u>-2</u> (ft)	05 DIRECTION OF GROUNDWATER FLOW <u>South</u>	06 DEPTH TO AQUIFER OF CONCERN <u>-2</u> (ft)	07 POTENTIAL YIELD OF AQUIFER <u>1440</u> (gpd)																		
08 SOLE SOURCE AQUIFER <u>YES</u> <u>X</u> NO																					
09 DESCRIPTION OF WELLS (Including usage, depth, and location relative to population and buildings) There are no drinking water wells or industrial wells within the three mile radius of the site.																					
10 RECHARGE AREA <u>YES</u> <u>X</u> NO COMMENTS		11 DISCHARGE AREA <u>X</u> YES <u>NO</u> COMMENTS Discharging into Abrams Creek.																			
IV. SURFACE WATER																					
01 SURFACE WATER USE (Check one) <table style="width:100%;"> <tr> <td style="width:33%;">A. RESERVOIR, RECREATION DRINKING WATER SOURCE</td> <td style="width:33%;">B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES</td> <td style="width:33%;">C. COMMERCIAL, INDUSTRIAL</td> <td style="width:33%;">X D. NOT CURRENTLY USED</td> </tr> </table>				A. RESERVOIR, RECREATION DRINKING WATER SOURCE	B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES	C. COMMERCIAL, INDUSTRIAL	X D. NOT CURRENTLY USED														
A. RESERVOIR, RECREATION DRINKING WATER SOURCE	B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES	C. COMMERCIAL, INDUSTRIAL	X D. NOT CURRENTLY USED																		
02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER <table style="width:100%;"> <tr> <th style="width:60%;">NAME:</th> <th style="width:20%;">AFFECTED</th> <th style="width:20%;">DISTANCE TO SITE</th> </tr> <tr> <td>Abrams Creek</td> <td style="text-align: center;"><u> </u></td> <td style="text-align: center;"><u>0</u> (ft)</td> </tr> <tr> <td>Rocky River</td> <td style="text-align: center;"><u> </u></td> <td style="text-align: center;"><u>8</u> (mi)</td> </tr> <tr> <td> </td> <td style="text-align: center;"><u> </u></td> <td style="text-align: center;"><u> </u> (mi)</td> </tr> </table>				NAME:	AFFECTED	DISTANCE TO SITE	Abrams Creek	<u> </u>	<u>0</u> (ft)	Rocky River	<u> </u>	<u>8</u> (mi)		<u> </u>	<u> </u> (mi)						
NAME:	AFFECTED	DISTANCE TO SITE																			
Abrams Creek	<u> </u>	<u>0</u> (ft)																			
Rocky River	<u> </u>	<u>8</u> (mi)																			
	<u> </u>	<u> </u> (mi)																			
V. DEMOGRAPHIC AND PROPERTY INFORMATION																					
01 TOTAL POPULATION WITHIN <table style="width:100%;"> <tr> <td style="width:33%;">ONE (1) MILE OF SITE</td> <td style="width:33%;">TWO (2) MILES OF SITE</td> <td style="width:33%;">THREE (3) MILES OF SITE</td> </tr> <tr> <td>A. <u>2,700</u></td> <td>B. <u>10,180</u></td> <td>C. <u>25,456</u></td> </tr> <tr> <td>NO. OF PERSONS</td> <td>NO. OF PERSONS</td> <td>NO. OF PERSONS</td> </tr> </table>			ONE (1) MILE OF SITE	TWO (2) MILES OF SITE	THREE (3) MILES OF SITE	A. <u>2,700</u>	B. <u>10,180</u>	C. <u>25,456</u>	NO. OF PERSONS	NO. OF PERSONS	NO. OF PERSONS	02 DISTANCE TO NEAREST POPULATION <u>-1/2</u> (mi)									
ONE (1) MILE OF SITE	TWO (2) MILES OF SITE	THREE (3) MILES OF SITE																			
A. <u>2,700</u>	B. <u>10,180</u>	C. <u>25,456</u>																			
NO. OF PERSONS	NO. OF PERSONS	NO. OF PERSONS																			
03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE <u>-15,000</u>			04 DISTANCE TO NEAREST OFF-SITE BUILDING <u>-100</u> (ft)																		
05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area) The immediate area around the site is light industry and warehouses. One half mile away is a dense urban area. See map in Appendix A.																					

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 6 - SAMPLE AND FIELD INFORMATION		I. IDENTIFICATION	
EPA •		01 STATE OH	02 SITE NUMBER D981957913
II. SAMPLES TAKEN			
SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER			
SURFACE WATER			
WASTE			
AIR			
RUNOFF			
SPILL			
SOIL	6	Target Compound List (TCL) compounds and Target Analyte List (TAL) analytes analyzed by California Analytical Labs, West Sacramento, California	10/8/87
VEGETATION			
OTHER			
III. FIELD MEASUREMENTS TAKEN			
01 TYPE	02 COMMENTS		
Flame Ionization Detector	No observations above background		
Explosimeter	No observations above background		
Radiation Mini Alert	No observations above background		
Hydrogen Cyanide Monitor	No observations above background		
Oxygen Meter	No observations above background		
IV. PHOTOGRAPHS AND MAPS			
01 TYPE <input checked="" type="checkbox"/> GROUND <input type="checkbox"/> AERIAL		02 IN CUSTODY OF <u>Ecology and Environment, Inc. Chicago, IL</u> (Name of organization or individual)	
03 MAPS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		04 LOCATION OF MAPS <u>Ecology and Environment, Inc., Chicago, IL</u>	
V. OTHER FIELD DATA COLLECTED (Provide narrative description)			
None			
VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)			
Site inspection Laboratory data from FIT collected samples on 8/25/87.			

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 7 - OWNER INFORMATION						I. IDENTIFICATION	
EPA						01 STATE OH	02 SITE NUMBER D981957913
II. CURRENT OWNER(S)				PARENT COMPANY (If applicable)			
01 NAME Caravan Company		02 D+B NUMBER N/A		08 NAME N/A		09 D+B NUMBER	
03 STREET ADDRESS (P.O. BOX, RFD #, ETC.) 6427 Eastland Rd.		04 SIC CODE N/A		10 STREET ADDRESS (P.O. BOX, RFD #, ETC.)		11 SIC CODE	
05 CITY Brook Park		06 STATE OH	07 ZIP CODE 44142	12 CITY		13 STATE	14 ZIP CODE
01 NAME Naiman Company		02 D+B NUMBER N/A		08 NAME N/A		09 D+B NUMBER	
03 STREET ADDRESS (P.O. BOX, RFD #, ETC.) 26050 Richmond Rd.		04 SIC CODE N/A		10 STREET ADDRESS (P.O. BOX, RFD #, ETC.)		11 SIC CODE	
05 CITY Bedford Hts.		06 STATE OH	07 ZIP CODE 44146	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. BOX, RFD #, ETC.)		04 SIC CODE		10 STREET ADDRESS (P.O. BOX, RFD #, ETC.)		11 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
III. PREVIOUS OWNER(S) (List most recent first)				IV. REALTY OWNER(S) (If applicable; list most recent first)			
01 NAME Unknown		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE
V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)							
Site inspection interview							

EPA		POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 8 - OPERATOR INFORMATION		I. IDENTIFICATION	
01 STATE OH		02 SITE NUMBER D981957913			
II. CURRENT OPERATOR (Provide if different from owner)			OPERATOR'S PARENT COMPANY (If applicable)		
01 NAME N/A		02 D+B NUMBER	10 NAME		11 D+B NUMBER
03 STREET ADDRESS (P.O. BOX, RFD #, ETC.)		04 SIC CODE	12 STREET ADDRESS (P.O. BOX, RFD #, ETC.)		13 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER				
III. PREVIOUS OPERATOR(S) (List most recent first; provide only if different from owner)			PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)		
01 NAME Leone Corporation		02 D+B NUMBER Not known	10 NAME		11 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.) 2235 W. 5th Street		04 SIC CODE Not known	12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE
05 CITY Cleveland	06 STATE OH	07 ZIP CODE 44141	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION 3-4	09 NAME OF OWNER DURING THIS PERIOD See current owners				
01 NAME		02 D+B NUMBER	10 NAME		11 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD				
01 NAME		02 D+B NUMBER	10 NAME		11 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD				
IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)					
Site inspection interview					

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 9 - GENERATOR/TRANSPORTER INFORMATION				I. IDENTIFICATION <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">01 STATE OH</td> <td style="width: 50%; text-align: center;">02 SITE NUMBER D981957913</td> </tr> </table>		01 STATE OH	02 SITE NUMBER D981957913
01 STATE OH	02 SITE NUMBER D981957913						
II. ON-SITE GENERATOR							
01 NAME N/A		02 D+B NUMBER					
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE				
05 CITY	06 STATE	07 ZIP CODE					
III. OFF-SITE GENERATOR(S)							
01 NAME Ford Motor Company		02 D+B NUMBER Not known		01 NAME			
				02 D+B NUMBER			
03 STREET ADDRESS (P.O. Box, RFD #, etc.) 5600 Henry Ford Blvd.			04 SIC CODE Not known				
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE				
05 CITY Brook Park	06 STATE OH	07 ZIP CODE 44142		05 CITY	06 STATE		
				07 ZIP CODE			
01 NAME		02 D+B NUMBER		01 NAME			
				02 D+B NUMBER			
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE				
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE				
05 CITY	06 STATE	07 ZIP CODE					
01 NAME		02 D+B NUMBER		01 NAME			
				02 D+B NUMBER			
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE				
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE				
05 CITY	06 STATE	07 ZIP CODE					
IV. TRANSPORTER(S)							
01 NAME Leone Corporation		02 D+B NUMBER Not known		01 NAME			
				02 D+B NUMBER			
03 STREET ADDRESS (P.O. Box, RFD #, etc.) 2235 W. 5th Street			04 SIC CODE Not known				
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE				
05 CITY Cleveland	06 STATE OH	07 ZIP CODE 44141		05 CITY	06 STATE		
				07 ZIP CODE			
01 NAME		02 D+B NUMBER		01 NAME			
				02 D+B NUMBER			
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE				
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE				
05 CITY	06 STATE	07 ZIP CODE					
V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)							
File information							

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 10 - PAST RESPONSE ACTIVITIES		I. IDENTIFICATION	
EPA		01 STATE OH	02 SITE NUMBER D981957913
II. PAST RESPONSE ACTIVITIES			
01 A. WATER SUPPLY CLOSED	02 DATE _____	03 AGENCY _____	
04 DESCRIPTION N/A			
01 B. TEMPORARY WATER SUPPLY PROVIDED	02 DATE _____	03 AGENCY _____	
04 DESCRIPTION N/A			
01 C. PERMANENT WATER SUPPLY PROVIDED	02 DATE _____	03 AGENCY _____	
04 DESCRIPTION N/A			
01 D. SPILLED MATERIAL REMOVED	02 DATE _____	03 AGENCY _____	
04 DESCRIPTION N/A			
01 E. CONTAMINATED SOIL REMOVED	02 DATE _____	03 AGENCY _____	
04 DESCRIPTION N/A			
01 F. WASTE REPACKAGED	02 DATE _____	03 AGENCY _____	
04 DESCRIPTION N/A			
01 G. WASTE DISPOSED ELSEWHERE	02 DATE _____	03 AGENCY _____	
04 DESCRIPTION N/A			
01 H. ON SITE BURIAL	02 DATE _____	03 AGENCY _____	
04 DESCRIPTION N/A			
01 I. IN SITU CHEMICAL TREATMENT	02 DATE _____	03 AGENCY _____	
04 DESCRIPTION N/A			
01 J. IN SITU BIOLOGICAL TREATMENT	02 DATE _____	03 AGENCY _____	
04 DESCRIPTION N/A			
01 K. IN SITU PHYSICAL TREATMENT	02 DATE _____	03 AGENCY _____	
04 DESCRIPTION N/A			
01 L. ENCAPSULATION	02 DATE _____	03 AGENCY _____	
04 DESCRIPTION N/A			
01 M. EMERGENCY WASTE TREATMENT	02 DATE _____	03 AGENCY _____	
04 DESCRIPTION N/A			
01 N. CUTOFF WALLS	02 DATE _____	03 AGENCY _____	
04 DESCRIPTION N/A			
01 O. EMERGENCY DIKING/SURFACE WATER DIVERSION	02 DATE _____	03 AGENCY _____	
04 DESCRIPTION N/A			
01 P. CUTOFF TRENCHES/SUMP	02 DATE _____	03 AGENCY _____	
04 DESCRIPTION N/A			
01 Q. SUBSURFACE CUTOFF WALL	02 DATE _____	03 AGENCY _____	
04 DESCRIPTION N/A			

POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 10 - PAST RESPONSE ACTIVITIES		I. IDENTIFICATION	
EPA			01 STATE OH
			02 SITE NUMBER D981957913
II. PAST RESPONSE ACTIVITIES (Continued)			
01	R. BARRIER WALLS CONSTRUCTED	02 DATE	03 AGENCY
04	DESCRIPTION N/A		
01	S. CAPPING/COVERING	02 DATE	03 AGENCY
04	DESCRIPTION N/A		
01	T. BULK TANKAGE REPAIRED	02 DATE	03 AGENCY
04	DESCRIPTION N/A		
01	U. GROUT CURTAIN CONSTRUCTED	02 DATE	03 AGENCY
04	DESCRIPTION N/A		
01	V. BOTTOM SEALED	02 DATE	03 AGENCY
04	DESCRIPTION N/A		
01	W. GAS CONTROL	02 DATE	03 AGENCY
04	DESCRIPTION N/A		
01	X. FIRE CONTROL	02 DATE	03 AGENCY
04	DESCRIPTION N/A		
01	Y. LEACHATE TREATMENT	02 DATE	03 AGENCY
04	DESCRIPTION N/A		
01	Z. AREA EVACUATED	02 DATE	03 AGENCY
04	DESCRIPTION N/A		
01	1. ACCESS TO SITE RESTRICTED	02 DATE	03 AGENCY
04	DESCRIPTION N/A		
01	2. POPULATION RELOCATED	02 DATE	03 AGENCY
04	DESCRIPTION N/A		
01	3. OTHER REMEDIAL ACTIVITIES	02 DATE	03 AGENCY
04	DESCRIPTION N/A		
III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)			
File information.			

EPA	POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 11 - ENFORCEMENT INFORMATION	I. IDENTIFICATION	
		01 STATE OH	02 SITE NUMBER D981957913
II. ENFORCEMENT INFORMATION			
01 PAST REGULATORY/ENFORCEMENT ACTION YES <input checked="" type="checkbox"/> NO			
02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION There has been no regulation/enforcement action at this site.			
III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)			
File information Site inspection			

APPENDIX C

**U.S. EPA
IMMEDIATE REMOVAL ACTION
CHECKSHEET**

Immediate Removal Action Check Sheet

	High	Moderate	Low
<u>Fire and Explosion Hazard</u>			
Flammable Materials _____			N/A
Explosives _____			N/A
Incompatible Chemicals _____			N/A
<u>Direct Contact with Acutely Toxic Chemicals</u>			N/A
Site Security _____			X
Leaking Drums or Tanks _____			N/A
Open Lagoons or Pits _____			N/A
Materials on Surface _____			N/A
Proximity of Population _____			X
Evidence of Casual Site Use _____			N/A
<u>Contaminated Water Supply</u>			N/A
Exceeds 10 Day Snarl _____			N/A
Gross Taste or Odors _____			N/A
Alternate Water Available _____			N/A
Potential Contamination _____			N/A
Is the site abandoned, active, or <u>inactive?</u>			

Comments:

1. THERE ARE NO GUARDS OR FENCE SURROUNDING THE SITE OR THE WASTE AREA.
2. RESIDENTIAL HOMES ARE 1/2 MILE AWAY FROM THE SITE.

APPENDIX D

FIT. SITE PHOTOGRAPHS

FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: NAIMAN / CARAVAN

PAGE 1 OF 7

U.S. EPA ID: OHD981957913 TDD: F05-8708-023

PAN: FOH0732SA

DATE: > 8/25/87

TIME: > 1020

DIRECTION OF
PHOTOGRAPH:

> N

WEATHER
CONDITIONS:

> PARTLY SUNNY

> 85°F

PHOTOGRAPHED BY:

> DIRK KAISER

SAMPLE ID

(if applicable):

> S2



DESCRIPTION: > CORE SAMPLE S2 OBTAINED FROM THE

> GRAVEL AREA BEHIND CARAVAN COMPANY.

DATE: > 8/25/87

TIME: > 1020

DIRECTION OF
PHOTOGRAPH:

> N

WEATHER
CONDITIONS:

> PARTLY SUNNY

> 85°F

PHOTOGRAPHED BY:

> DIRK KAISER

SAMPLE ID

(if applicable):

> S2



DESCRIPTION: > CORE SAMPLE S2 WAS COLLECTED AT

> A DEPTH OF 6 FEET.

FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: NAIMAN / CARAVAN

PAGE 2 OF 7

U.S. EPA ID: OHD981957913 TDD: FO5-8708-023 PAN: FOH0732SA

DATE: > 8/25/87

TIME: > 1110

DIRECTION OF
PHOTOGRAPH:
> NNE

WEATHER
CONDITIONS:
> PARTLY SUNNY
> 85°F

PHOTOGRAPHED BY:
> DIRK KAISER

SAMPLE ID
(if applicable):
> S3



DESCRIPTION: > UPSTREAM SEDIMENT SAMPLE S3 WAS COLLECTED
> TO THE EAST OF CARAVAN COMPANY IN ABRAMS CREEK.

DATE: > 8/25/87

TIME: > 1110

DIRECTION OF
PHOTOGRAPH:
> NNE

WEATHER
CONDITIONS:
> PARTLY SUNNY
> 85°F

PHOTOGRAPHED BY:
> DIRK KAISER

SAMPLE ID
(if applicable):
> S3



DESCRIPTION: > SEDIMENT SAMPLE S3.
>

FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: NAIMAN / CARAVAN

PAGE 3 OF 7

U.S. EPA ID: OHD981957913 TDD: F05-8708-023 PAN: FOH0732SA

DATE: > 8/25/87

TIME: > 1130

DIRECTION OF
PHOTOGRAPH:

> E

WEATHER

CONDITIONS:

> PARTLY SUNNY

> 85°F

PHOTOGRAPHED BY:

> DIRK KAISER

SAMPLE ID

(if applicable):

> N/A



DESCRIPTION: > A RUSTED THROUGH 55 GALLON DRUM

> IN THE CREEK.

DATE: > 8/25/87

TIME: > 1145

DIRECTION OF
PHOTOGRAPH:

> NW

WEATHER

CONDITIONS:

> PARTLY SUNNY

> 85°F

PHOTOGRAPHED BY:

> DIRK KAISER

SAMPLE ID

(if applicable):

> N/A



DESCRIPTION: > NOTE GULLY ON RIGHT BANK NEAR

> SHOVEL. EASTLAND ROAD BRIDGE.

FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: NAIMAN / CARAVAN

PAGE 4 OF 7

U.S. EPA ID: OHD981957913 TDD: F05-8708-023 PAN: F040732SA

DATE: > 8/25/87

TIME: > 1145

DIRECTION OF PHOTOGRAPH:

> NE

WEATHER CONDITIONS:

> PARTLY SUNNY

> 85°F

PHOTOGRAPHED BY:

> DIRK KAISER

SAMPLE ID (if applicable):

> S4



DESCRIPTION: > LOCATION OF GULLY SAMPLE S4.

>

DATE: > 8/25/87

TIME: > 1145

DIRECTION OF PHOTOGRAPH:

> NNE

WEATHER CONDITIONS:

> PARTLY SUNNY

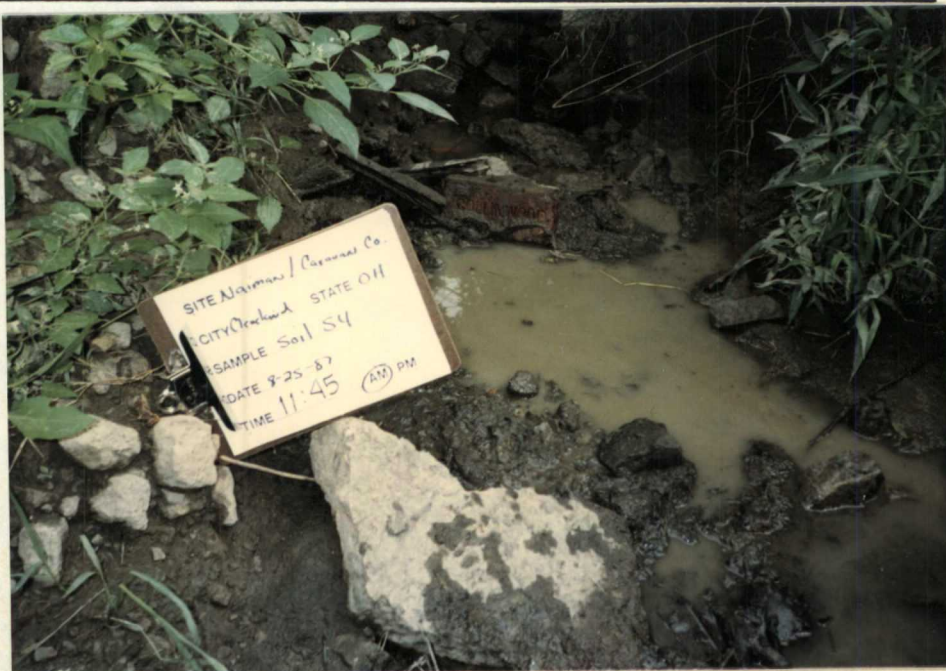
> 85°F

PHOTOGRAPHED BY:

> DIRK KAISER

SAMPLE ID (if applicable):

> S4



DESCRIPTION: > SEDIMENT SAMPLE S4 COLLECTED IN THE
> GULLY SEDIMENT.

FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: NAIMAN / CARAVAN

PAGE 5 OF 7

U.S. EPA ID: OHD981957913 TDD: F05-8708-023 PAN: F040732SA

DATE: > 8/25/87

TIME: > 1445

DIRECTION OF
PHOTOGRAPH:

> E

WEATHER

CONDITIONS:

> PARTLY SUNNY

> 85°F

PHOTOGRAPHED BY:

> DIRK KAISER

SAMPLE ID

(if applicable):

> S5



DESCRIPTION: > DOWNSTREAM SAMPLE S5. NAIMAN

> COMPANY IS ON THE LEFT IN THE PHOTO.

DATE: > 8/25/87

TIME: > 1445

DIRECTION OF
PHOTOGRAPH:

> E

WEATHER

CONDITIONS:

> PARTLY SUNNY

> 85°F

PHOTOGRAPHED BY:

> DIRK KAISER

SAMPLE ID

(if applicable):

> S5



DESCRIPTION: > SEDIMENT SAMPLE S5.

>

FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: NAIMAN / CARAVAN

PAGE 6 OF 7

U.S. EPA ID: OHD981957913 TDD: F05-8708-023 PAN: F040732SA

DATE: > 8/25/87

TIME: > 1315

DIRECTION OF
PHOTOGRAPH:

> NE

WEATHER

CONDITIONS:

> PARTLY SUNNY

> 85°F

PHOTOGRAPHED BY:

> DIRK KAISER

SAMPLE ID

(if applicable):

> S6



DESCRIPTION: > LOCATION OF CORE SAMPLE S6 IN GRAVEL

> AREA OF NAIMAN COMPANY'S PARKING LOT.

DATE: > 8/25/87

TIME: > 1315

DIRECTION OF
PHOTOGRAPH:

> NE

WEATHER

CONDITIONS:

> PARTLY SUNNY

> 85°F

PHOTOGRAPHED BY:

> DIRK KAISER

SAMPLE ID

(if applicable):

> S6



DESCRIPTION: > CORE SAMPLE S6 WAS COLLECTED AT

> A DEPTH OF 6 FEET.

FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: NAIMAN / CARAVAN

PAGE 7 OF 7

U.S. EPA ID: OHD981957913 TDD: F05-8708-023 PAN: F040732SA

DATE: > 8/25/87

TIME: > 1515

DIRECTION OF
PHOTOGRAPH:

> E

WEATHER

CONDITIONS:

> PARTLY SUNNY

> 85°F

PHOTOGRAPHED BY:

> DIRK KAISER

SAMPLE ID

(if applicable):

> S1



DESCRIPTION: > LOCATION OF BACKGROUND SAMPLE S1 AT
> THE RIVER EDGE SCHOOL.

DATE: > 8/25/87

TIME: > 1515

DIRECTION OF
PHOTOGRAPH:

> E

WEATHER

CONDITIONS:

> PARTLY SUNNY

> 85°F

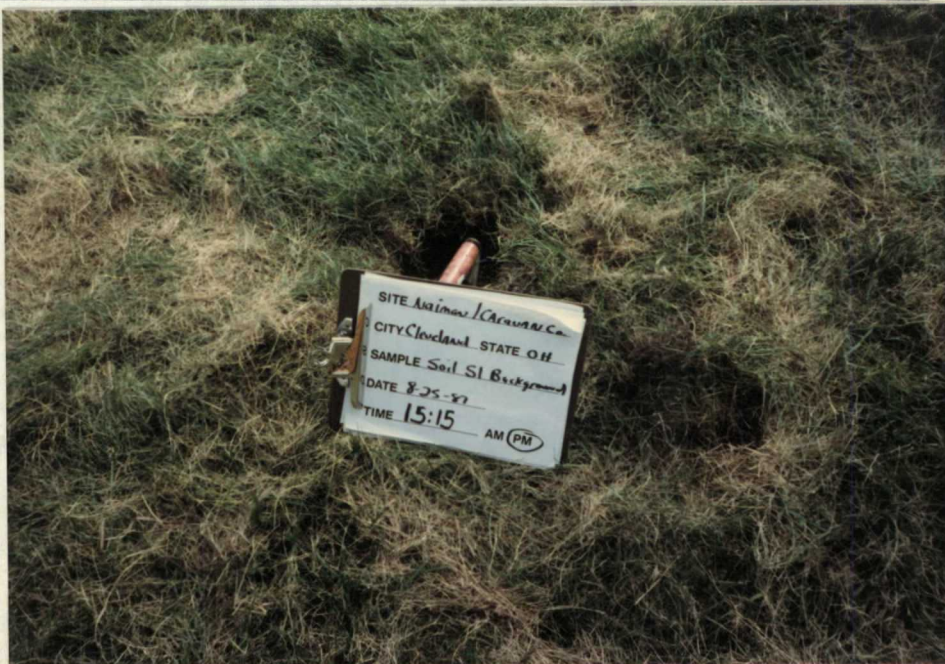
PHOTOGRAPHED BY:

> DIRK KAISER

SAMPLE ID

(if applicable):

> S1



DESCRIPTION: > SOIL SAMPLE S1 WAS COLLECTED AT A
> DEPTH OF 6 INCHES.

APPENDIX E

CHEMICAL ANALYSIS DATA
OF
FIT-COLLECTED SAMPLES

APPENDIX F

WELL LOGS OF THE AREA OF THE SITE